



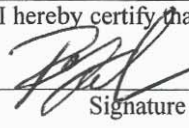
DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES  
Minerals & Mining Program - Oil & Gas Section  
2050 West Main, Suite #1, Rapid City, SD 57702-2493  
Telephone: 605-394-2229, FAX: 605-394-5317

FORM 2  
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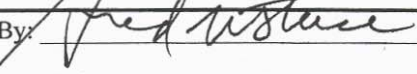
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DEPT OF ENVIRONMENT & NATURAL  
RESOURCES - RCRO

## APPLICATION FOR PERMIT TO DRILL

<b>Type of work:</b> <input type="checkbox"/> Drill New Well <input type="checkbox"/> Reenter Well <input type="checkbox"/> Drill Directional Well <input checked="" type="checkbox"/> Other <u>Horizontal Re-entry</u>		<b>Type of well:</b> <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Injection <input type="checkbox"/> Other _____	
<b>Name and Address of Operator:</b> Prima Exploration Inc. 7555 E. Hampden Ave., Suite 505, Denver, CO 80231		<b>Telephone</b> 303/755-5681	
<b>Name and Address of Surface Owner:</b> Timothy G & Tracy L Brown P.O. Box 205, Buffalo, SD 57720			
<b>Name and Address of Drilling Contractor and Rig Number:</b> Undetermined at this time.			
<b>Surface Location of well:</b> Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available): NE/4 SW/4 Sec 31-T22N-R4E 1700' FNL & 1700' FEL			
<b>If Directional, top of pay and bottom hole location from nearest lines of section:</b> Top of Pay: 8617'   BHL(1): 220' FSL & 220' FEL, Sec 30-T22N-R4E			
<b>Acres in Spacing (Drilling) Unit</b> 20,648 acres		<b>Description of Spacing Unit</b> Unitized - South Buffalo Red River Unit   Order #4-97	
<b>Well Name and Number</b> THUNE #A-1	<b>Elevation</b> 3020' GL	<b>Field and Pool, or Wildcat</b> Buffalo	<b>Proposed Depth and Formation</b> Red River "B" 8617'
<b>Size of Hole</b> 1) 12 1/4" 2) 3) 5 1/2" 4)	<b>Size of Casing</b> 8 5/8"  7 7/8"	<b>Weight per Foot</b> 24#  Var.	<b>Depth</b> 965'  8789'
<b>Cementing Program (amount, type, additives)</b> 560 sx Class G  230 sx Class G		<b>Depth</b>	
<b>Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.</b>  A lateral will be drilled out of existing 5 1/2" csg by cutting a north facing window at least 10' below the Gunton porosity located at 8470' - 8478', landing in the Red River "B" porosity at 8617'-8627'. Out of this window the lateral will drill to an intermediate point that is 1000' north & 100' east of surface and turn to the NE to BHL.			
I hereby certify that the foregoing as to any work or operation performed is a true and correct statement of the work or operation.			
 Signature		Rich Gunlikson Name (Print)  SOUTH DAKOTA STATE GEOLOGICAL SURVEY Operations Manager WESTERN FIELD OFFICE Title 2/28/05 Date	

### FOR OFFICE USE ONLY

<b>Approved By:</b> 	<b>Title:</b> Oil & Gas Supervisor
<b>Permit No.</b> 1724 <b>API No.</b> 40 063 20071.01	<b>Date Issued:</b> 03/16/05
<b>Conditions, if any, on attached page.</b>	